



# Environmental Protection Agency

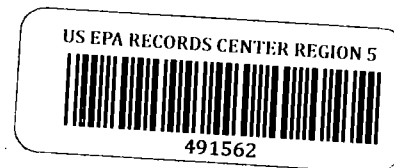
2200 Churchill Road, Springfield, Illinois 62706

217/782-6760

Refer to: St. Clair County - Sauget/Toxic Dump - 16312103

July 9, 1981

Mr. William Sanders  
Director of Surveillance and Analysis Division  
U. S. E. P. A.  
536 South Clark  
Chicago, Illinois 60605



Dear Mr. Sanders:

This letter is being written to request that the U.S.E.P.A. sample the monitoring wells at the Sauget Toxic Dump Landfill and run qualitative tests for dioxin on these samples.

This site is 100-150' east of the Mississippi River. It was used as a hazardous waste landfill by Monsanto Company from 1957 to 1978, at which time it was closed and covered. We have good reason to suspect that dioxins are present in this landfill, however our lab is not equipped to run dioxin analysis.

The monitoring wells at this facility were most recently sampled by Agency personnel on March 25, 1981. Results showed chlorophenol, a precursor of dioxin, in concentrations ranging from 950 to 13,000 ug/l (ppb). In addition, significant amounts of the following compounds were found:

aliphatic hydrocarbons - 4,000 ug/l  
chlorobenzene - 130-3,000 ug/l  
dichlorophenol - 630-2,900 ug/l  
biphenylamine - 250-15,000 ug/l  
chloronitrobenzene - 1,500-2,500 ug/l  
trichlorophenol - 1,200 ug/l  
dichlorobenzene - 360-2,600 ug/l

Please contact Michael Nechvatal or Jeffrey Stern at the above address or phone number for additional information and to finalize arrangements for the sampling.

Sincerely,

Michael P. Mauzy, Director  
Illinois Environmental Protection Agency

MPM:JMS:bb

cc: Southern Region ✓  
Bill Child  
Michael Nechvatal  
Jeffrey Stern

RECEIVED

JUL 15 1981

ILL. E.P.A. - D.L.P.C  
STATE OF ILLINOIS

KM  
PCM ✓  
PMM ✓